

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Takumi Arie et al.  
Serial No.: 10/580,488  
Confirmation No.: 2387  
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For: INFORMATION PROVIDING APPARATUS  
Examiner: C. E. Leiby  
Art Unit: 2629

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: 11-4-10

Electronic Signature for Elizabeth C. Craig: /Elizabeth C. Craig/

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated August 4, 2010, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing beginning on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.